Accepted Manuscript

Characterization of volatile profile from ten different varieties of Chinese jujubes by HS-SPME/GC–MS coupled with E-nose



Qinqin Chen, Jianxin Song, Jinfeng Bi, Xianjun Meng, Xinye Wu

PII:	S0963-9969(17)30824-4
DOI: Reference:	doi:10.1016/j.foodres.2017.11.054 FRIN 7176
To appear in:	Food Research International
Received date:	25 August 2017
Revised date:	27 October 2017
Accepted date:	20 November 2017

Please cite this article as: Qinqin Chen, Jianxin Song, Jinfeng Bi, Xianjun Meng, Xinye Wu, Characterization of volatile profile from ten different varieties of Chinese jujubes by HS-SPME/GC–MS coupled with E-nose. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Frin(2017), doi:10.1016/j.foodres.2017.11.054

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Characterization of volatile profile from ten different varieties of

Chinese jujubes by HS-SPME/GC-MS coupled with E-nose

Running title: Volatile profile of ten varieties of jujubes

Qinqin Chen^{a,1}, Jianxin Song^{a,1,2}, Jinfeng Bi^{1,2,*}, Xianjun Meng², Xinye Wu¹

(¹ Institute of Food Science and Technology, Chinese Academy of Agricultural Science (CAAS)/ Key Laboratory of Agro-Products Processing, Ministry of Agriculture, Beijing 100193, China
² Department of Food Science, Shenyang Agricultural University, Shenyang, 110866, China)

Abbreviations:

PCA: Principal Component Analysis	MZ: MuZao
LDA: Linear Discriminant Analysis	YZ: YuanZao
CA: Cluster Analysis	LZ: LiZao
GC-MS: gas chromatography and mass spectrometry	XZ: XiangZao
HS-SPME: headspace solid phase micro-extraction	BZ: BanZao
PDMS/DVB: polydimethylsiloxane-divinylbenzene	DZ: DongZao
E-nose: electronic nose	JSXZ: JinSiXiaoZao
EI: electronic impact	PDDZ: PingDingDaZao
JZ: JunZao	LWZZ: LingWuZhangZao

^a They contributed equally to the present paper.

^{*}Corresponding author. Tel./fax: +86 10 62812584. E-mail address: bjfcaas@126.com.

Download English Version:

https://daneshyari.com/en/article/8889862

Download Persian Version:

https://daneshyari.com/article/8889862

Daneshyari.com